

IN THE CLAIMS:

Please cancel Claims 22 to 24 without prejudice or disclaimer of subject matter and amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) A data processing apparatus for processing data for respective pages, comprising:
 - a data reception unit for receiving data of a first format for respective pages;
 - a data ~~generation conversion~~ unit for generating data of a second format from converting the data of the first format into data of a second format;
 - a control unit for generating a single page data management unit for managing record that manages the data of the first and second formats ~~in first and second page data~~ in association with each other; and
 - a plurality of output processors, each for independently executing a respective output process for the data of the first format or the data of the second format first page data or for the second page data, independently; and
 - a control unit for managing whether or not any of said plurality of output processors which execute an output process with reference to the first or second page data refer to said page data management unit;
- wherein said control unit deletes said page data management unit record if under a condition that storage of the data of the first and second formats in the memory is complete; none of said plurality of output processors refers to said page data management record, unit, and said output processes by said plurality of output processors are complete;

2. (Currently Amended) The apparatus according to claim 1, wherein said control unit generates said page data management record unit in a memory in response to reception of the data of the first format for respective pages.

3. (Currently Amended) The apparatus according to claim 1 ~~or 2~~, wherein said control unit monitors storage states of the data of the first and second formats in a memory, and deletes the ~~first or second page data~~ data of the first format or the data of the second format in accordance with the storage states and a reference state by the plurality of output processors.

4. (Currently Amended) The apparatus according to claim 3, wherein when an output processor issues an instruction of an output process after the data of the first format ~~first page data~~ is deleted, said control unit controls said data conversion generation unit to ~~convert~~ generate data in an output format suited to the output process from the data of the second format ~~into data of an output format suited to an output format of the output of the output processor.~~

5. (Currently Amended) The apparatus according to claim 4, wherein said control unit ~~controls~~ causes said page data management record unit to manage the data of the output format in association with the data of the second format ~~using third page data.~~

6. (Currently Amended) The apparatus according to claim 5, wherein upon completion of use of the data of the output format by the output processor, said control unit

releases information of the data of the output format from said page data management record controls said page data management unit to delete the third page data.

7. (Cancelled)

8. (Currently Amended) The apparatus according to claim 3, wherein when said control unit determines that storage of the data of the first format in the memory is complete, said control unit permits said data conversion generation unit to start a data conversion generation operation of the data of the second format from the data of the first format to the second format.

9. (Currently Amended) The apparatus according to claim 8, wherein said control unit monitors completion of the conversion generation operation of said data conversion generation unit and a storage state of the data of the second format in the memory, and permits a predetermined process for the data of the second format to execute in accordance with the storage state.

10. (Currently Amended) The apparatus according to claim 9, wherein a separate said page data management unit record is generated for data of each page received by said data reception unit, and when data including a plurality of pages are received, said control unit causes the plurality of said page data management unit records to manage manages the data of the first and second formats of each page page data while associating respective pages with each other.

11. (Currently Amended) The apparatus according to claim [[7]]1, wherein first format is one of a plurality of data formats including raw data, JBIG data, JPEG data, TIFF data, and TEXT data, and wherein data of the second format has a JBIG data format.

12. (Currently Amended) A data processing method for processing data for respective pages, comprising:

a data reception step of receiving data of a first format for respective pages;

a first page data generation step of generating first page data used to manage the data of the first format;

a data generation conversion step in a data generation conversion unit [[for]] of generating data of a second format from converting the data of the first format into data of a second format;

a second page data generation step of generating second page data used to manage the data of the second format;

a control page data management step in a control unit of generating a page data management record that manages managing the data of the first and second formats in first and second page data in association with each other using a page data management unit; and

an output process step of executing an output process with one or more of a plurality of output processors, each for independently executing a respective output process for the data of the first format or the data of the second format first page data or for the second page data, independently; and

a control step of managing whether or not any of said plurality of output processors which execute an output process with reference to the first or second page data refer to said page data management unit, and

wherein the control step deletes a page data management unit deletion step of deleting the page data management record if unit under a condition that storage of the data of the first and second formats in the memory is complete; none of said plurality of output processors refers to said page data management record, unit, and said output processes by said plurality of output processors are complete;

13. (Currently Amended) The method according to claim 12, wherein the control step generates further comprising a page data management unit generation step of generating the page data management record unit in a memory in response to reception of the data of the first format for respective pages.

14. (Currently Amended) The method according to claim 12 or 13, wherein the control step monitors further comprising a first page data delete step of monitoring storage states of the data of the first and second formats in a memory, and deletes deleting the data of the first format or the data of the second format first or second page data in accordance with the storage states and a reference state by the plurality of output processors.

15. (Currently Amended) The method according to claim 14, wherein further comprising a data conversion control step of controlling; when an output processor

issues an instruction of an output process after the data of the first format first-page data is deleted, the control step controls the data generation conversion unit to generate data in an output format suited to the output process from convert the data of the second format into data of an output format suited to an output format of the output of the output processor.

16. (Original) The method according to claim 15, wherein the control step causes further comprising an output format data management step of controlling the page data management record unit to manage the data of the output format in association with the data of the second format using third page data.

17. (Currently Amended) The method according to claim 16, wherein further comprising a second page data delete step of controlling, when use of the data of the output format by the output processor is complete, the control step releases information of the data of the output format from said page data management record, the page data management unit to delete the third page data.

18. (Cancelled)

19. (Currently Amended) The method according to claim 18, wherein a separate the page data management record unit is generated for data of each page received by said data reception unit, and when data including a plurality of pages are received, said control step causes the plurality of the page data management records to unit-manages

manage the data of the first and second formats of each page ~~page data~~ while associating respective pages with each other.

20. (Currently Amended) The method according to claim ~~[[19]]~~12, wherein the first format is one of a plurality of data formats including raw data, JBIG data, JPEG data, TIFF data, and TEXT data, and the data of the second format has a JBIG data format.

21. (Currently Amended) A computer program for making a computer execute the ~~[[a]]~~ data processing method of claim ~~12 or 13~~.

22. to 24. (Canceled)